

Seminar Options

- A - Great Assassinations in History
- B - It's All About the Book
- C - Understanding Cancer
- D - Food: Nourishing the Planet in the 21st Century
- E - Medical Terminology
- F - Hot DIG-I-TY Dog
- G - Show Me the "Benjamin's"
- H - Make Your Mark (on Google Earth)
- I - Faster than a Screaming Tweet
- J - Little Red Riding Hood (Children's Books)
- K - Friends, Romans, Countrymen (When Rome Ruled the World)
- L - It's Not What You See
- M - Tell it Slant
- N - Exploring Spanish Culture
- O - Sports and Social Change

SURVEY:

(link can also be found by going to the Principal's blog and clicking the link)

Seminar Descriptoins

A) Great Assassinations in History (Social Studies, English)

The seminar is designed to cover assassinations of a variety of political, social, and religious leaders throughout world history. The seminar may include the following: Caesar, Lincoln, Gandhi, Martin Luther King, Jr, John and Robert Kennedy, Malcolm X, Ferdinand, Lennon, and Alexander II.

B) It's All About the Book (Social Studies, English)

This seminar can be used to fulfill Social Studies or English standards. Students will read 2 books of their choice to demonstrate their achievement of a variety of social studies or English standards.

C) Understanding Cancer (Science, Social Studies)

Cancer affects nearly every person on our planet throughout the course of his or her lives. The purpose of this seminar is to learn about what cancer is, how it develops, what treatments are available and the future of the disease.

D) Food – Nourishing the Planet through the 21st Century (Science, Social Studies)

What is it about? **Food.** Food issues are hot! We will look at these issues by starting literally from the ground up. We will study what we need for nutrients, where these nutrients are found in soils, and how these nutrients are getting into crops that we eat. We will look at problems like nutrient deficiencies in crops. This is biology applied to the real world. Next we will look at current and future needs for food production. We will approach this from hot issues - Should we be using organic or

inorganic fertilizers? Which is better for production, large agribusiness or small local farmers? Can science solve food problems with a growing world population? Finally it is your choice of the most important changes we need to make to meet our food needs. This class is hands-on science with social and political consequences – in other words, real science.

What will we do? Lots of hands-on activities. We will study different soils and make up balanced soils for horticultural crops. We will experiment with plant uptake of water and nutrients and diagnose plant nutrient diseases. We will eat different grains (millet anyone?) and watch films like Knives Over Forks. Then we will look at issues about food at a local and world-wide level. And you will get to explore ideas/information that concern you most.

What's our focus? Taking and defending a position on a controversial issue. You have opinions and there will always be people who have different opinions than you. This seminar focuses on understanding viewpoints that are different than yours. How do people project their ideas and what value is there in their viewpoint? How can you best communicate your viewpoint so others may see the value of your ideas? I think science has a way of looking at this dilemma. You will learn practical, life-long skills in this class from digging in dirt to developing your view.

Check out this idea? What do you think?

How safe are GMOs? <http://www.youtube.com/watch?v=WGYBHKajEzQ>

E) Medical Terminology (Science, English)

Students will learn the basic Latin and Greek prefixes, roots and suffixes for the skeletal, digestive, respiratory, circulatory, and nervous systems. Students will visit area hospitals for some hands on learning.

F) HOT DIG-I-TY DOG! (Math, Science, Geography)

Learn how mathematics can be used to build an efficient solar powered parabolic hot dog cooker. Test out the cooker during the last week of the seminar. Explore other uses of the sun and parabolic shapes (ie parabolic dishes) to collect energy.



G) Show Me the “Benjamin’s” (Math, Social Studies, Civics)

This seminar will cover your personal management of money. Over the course of your life, you likely will make over one million dollars. How you manage that money will determine how/if/when you kick up your feet and enjoy life.

We will talk about careers, budgets, investing, credit, goal setting and consumer safety. This course will talk about the pros and cons of the choices you make in your life and the financial impact of them.

Guest speakers from local banks and FAME will provide resources and presentations as well.

http://www.youtube.com/watch?v=WwOISM_hkHk

H) Make Your Mark (on Google Earth) (Art, Social Studies, ELA)

Have you ever played with Google Sketch-Up? Do you long to (virtually) build your own building? Do you wonder about the lives that inhabited the communities in our part of Maine? Then this is the place for you! Join us for a chance to try your hand as an architect, a photographer, a graphic designer, a historian . . . or all of the above.

Our goal – create a 3D Sketchup models of local buildings complete with photographic skins of its exterior, document its history and place in our communities, and upload the results to Google Earth for the world to see.

Want to see how a small town in Vermont did that very thing with over 75 buildings? Follow this link, scroll down to the video and see it all in action:

<http://sketchupdate.blogspot.com/2010/05/sketchup-in-high-school-history-class.html>

I) Faster than a Screaming Tweet (Art, ELA, Other Topic-specific)

Tell a story in words and images about something that fascinates YOU in a mere 6 minutes, 40 seconds. When you do, you'll have become a member of a worldwide community of people giving and watching Pecha Kucha presentations.

Pecha Kucha, Japanese for “chit chat”, was born in Tokyo in 2004. Since then thousands of people have attended Pecha Kucha nights in over 700 communities worldwide, including Waterville, Maine.

In this seminar you'll create or gather 20 images to illustrate whatever story you want to tell. Each slide stays up for 20 seconds only and your presentation is over in 6 minutes, 40 seconds.

Images can come from anywhere – your photos, artwork, new work, digital imagery, you name it! Together we'll develop and streamline every story. We'll present to each other in the classroom and, if you're feeling adventuresome, we'll invite guests in to hear what we have to say.

20 slides X 20 seconds – what do you have to say?!

Need more info on Pecha Kucha and to see some presenters in action:

<http://www.pechakucha.org/>

<http://en.wikipedia.org/wiki/PechaKucha>

J) Little Red Writing Hood (Art, ELA)

Channel your inner (and outer) child to create your own children's book.

We'll explore the formats and backgrounds of picture and early childhood books while taking a look at some of the best loved ones out there. Then you can choose to tell a story of your own or re-tell a classic tale. We'll use Photoshop and Indesign to create a book using illustrations you create virtually or digitally.

Writers and illustrators can team up or work solo. In the end we'll publish our books either online or off.

K) Friends, Romans, Countrymen (When Rome Ruled the World) (Social Studies & ELA)

The seminar will offer students an introduction to ancient Rome, the world of Julius Caesar and Marcus Aurelius. Students will be given an overview about Roman history, considering such things as government, culture, expansion, and mythology, touching on the learning targets below. Students will then be afforded the opportunity to delve more deeply into any two of them, leading to certification of proficiency. The experience will be one of individual inquiry, making use of resources available through the library, data base subscriptions, worldwide web resources, and video. The results of students' work will enable them to address ELA standards, also.

L) It's Not What You See (Art, Social Studies)

It's what you make others see! Walk a few weeks in the shoes of your favorite artist.

Come experience hands-on art history by painting like Vincent Van Gogh or Georgia O'Keeffe. Recreate the sculptures of the Greeks and Romans or drip paint like Jackson Pollock.

You'll have an opportunity to take a quick tour of the greats of the art world and then choose your era, artist, or style and then create original works using those methods.

For a quick inspiration, take a look at all the painting in the Museum of Modern Art in 2 minutes:

<http://www.youtube.com/watch?v=g3QHkFc3NZw>

M) Tell It Slant (Art, ELA)

There's fiction. There's nonfiction. There's even creative non-fiction. But then there's Brevity.

Brevity is an online magazine that publishes works in the extremely brief (750 words or less) essay form.

In this class we'll explore the notable, innovative work of the fourth genre, literary nonfiction. We'll look at a variety of works ranging from personal essays and memoirs to literary journalism and personal criticism, works that have been describe as lyrical, meditative, or whimsical.

As final step, everyone will try his or her hand at a piece of creative non-fiction in the Brevity style. Do you want to tell a story about family, a special place, a piece of history – your own or something from the larger world, the spiritual, or the funny? We'll look at the ways you can do that and try to do it in 750 words or less.

Take a look at the current issue of Brevity:
<http://brevitymag.com/category/current-issue/>

N) Exploring Spanish Culture: running with bulls, bizarre foods, celebrations, dances and music. (World Languages, Social Studies)

From Holidays to carnivals, from bull-fighting to bizarre foods, this seminar will explore the side of culture not often explored in the classroom. Students will be engaged in a variety of projects including hands-on activities. From cooking in the classroom to exploration on the web, this seminar will allow for a wide view of Spanish culture around the world.

O) Sports and Social Change (Social Studies, Culture)

The sports world is a place where fans dedicate themselves to their favorite players and teams. Sports serves as a microcosm for society and when civil rights leaders noticed this, they used sports as a medium to further social change. From Jackie Robinson, to Muhammad Ali, to Pat Summit, this seminar will analyze various civil rights struggles in the United States through the perspective of sports.

Here are some clips from movies that will address some issues that we will learn about in the seminar.

[Glory Road](#) - the story about the college basketball team Texas Western, the first team ever to win a national championship starting five black players. [42](#) - The story of Jackie Robinson, who broke the color barrier in Major League Baseball